

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

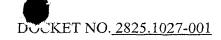
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| the spe | ecification of which | (check one) | | | | | | | |
| [] | is attached hereto |). | | | | | | | |
| [X] | was filed on S | September 7, 2000 | as United States Application | | | | | | |
| | Number or PCT | International Applica | ation No. 09/657,472 | | | | | | |
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| includ | I hereby state tha | t I have reviewed an | d understand the contents of the abodement referred to above. | ove-ide | ntified | spec | ificat | ion, | |
| §1.56, filing capplica | including for conting late of the prior app | uation-in-part applic | formation which is material to pater cations, material information which onal or PCT international filing date | becam | e availa | able | betwe | een tl | .R. 1e |
| country any for | ent or inventor's cer y other than the Uni reign application for | tificate, or 365(a) of ted States of Americ | ts under 35 U.S.C. 119(a)-(d) or 36 any PCT international application a, listed below and have also identicertificate, or of any PCT internationity is claimed: | which of fied bel | lesigna low, by | ited a | it leas | st one the l | e box, |
| | | Prior Foreign Application(s) | | | Priority Not Claimed | | Certified Copy Filed YES N | | l? IO |
| (Numb | per) | (Country) | (Day/Month/Year filed) | _ [|] | [|] | [|] |
| (Numb | per) | (Country) | (Day/Month/Year filed) | _ [|] | [|] | [|] |
| (Numb | er) | (Country) | (Day/Month/Year filed) | _ [|] | [|] | . [|] |
| | 60/153,357 cation Number) | under 35 U.S.C. §11 | 9(e) of any United States provision 09/10/99 (Filing Date) | al appli | cation(| (s) lis | sted b | elow | ·. |
| (Applie | 60/220,947 cation Number) | | 07/26/00 (Filing Date) | · · · · · · · · · · · · · · · · · · · | | _ | | | |
| Applic | 60/225,724 cation Number) | | 08/16/00 (Filing Date) | | | | | | |

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| (Application Serial No | o.) | (Filing date) | (Status: patented, pending, abandoned) |
|--|--|--|---|
| As a named inver Hamilton, Brook, Sn Customer No. 21 | nith & Reyn | y appoint the attorneys a olds, P.C., Two Militia | nd/or agents associated with Drive, Lexington, Massachusetts 02421-4799 |
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| | | | the Patent and Trademark Office connected therewith. |
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| Direct teleph | one calls to: | Lisa M. Treannie, Esq. | Telephone No.: 781-861-6240 |
| Direct facsim | iles to: | Lisa M. Treannie, Esq. | Facsimile No.: 781-861-9540 |
| information and belief false statements and the United States Code and thereon. | are believed the like so mad that such w | to be true; and further to de are punishable by fine | f my own knowledge are true and that all statements made on hat these statements were made with the knowledge that willful or imprisonment, or both, under Section 1001 of Title 18 of the ay jeopardize the validity of the application or any patent issued |
| Full name of sole | | , | 16 KLO - |
| or first inventor | Eric S. | Lander / | Si 2/ XX W |
| Inventor's Signature | | | Date 2 28/01 |
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| Inventor's Signature_ | Mica | uli Carant | Date 3/29/D1 |
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| | | ourg, MD 20878 | |
| Citizenship | U.S.A. | 7023 1142 20010 | |
| Mailing Address | | above | |

| Full name of third joint | t | |
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| Citizenship | U.S.A. | |
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| inventor, if any | | |
| Inventor's Signature | State y Bolk | Date 2/27/01 |
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| Full name of fifth joint | · | |
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| Inventor's Signature | (X Daley | Date |
| Residence | | ' / |
| | Weston, MA 02193 | Washington Control of the Control of |
| Citizenship | U.S.A. | |
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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| [] | is attached hereto |). | | | | | | , | |
| [X] | was filed on S | September 7, 2000 | as United States Application | | | | 1 | | |
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| | and was amended | l on | (if applicable). | | | | | | |
| includ | | | nd understand the contents of the about | ove-ide | ntified | spec | ificat | ion, | |
| §1.56, filing applic | including for continuity, including for continuity, including for the prior app | nuation-in-part appli | formation which is material to pater cations, material information which onal or PCT international filing date | becam | e avail | able | betw | een tl | .R. he |
| countr any fo | tent or inventor's cer y other than the Uni | tificate, or 365(a) or ted States of Americ patent or inventor's | ts under 35 U.S.C. 119(a)-(d) or 36 f any PCT international application ca, listed below and have also identic certificate, or of any PCT internationality is claimed: | which of the fied be | lesignation low, by | ited a | it lea: cking | st one the | e box, |
| | | <u>P</u> 1 | Prior Foreign Application(s) | | | | Certified Copy Filed? YES NO | | 1? |
| (Numb | per) | (Country) | (Day/Month/Year filed) | _ [|] | [|] | [|] |
| (Numb | oer) | (Country) | (Day/Month/Year filed) | _ [|] | [|] | [|] |
| (Numb | per) | (Country) | (Day/Month/Year filed) | _ [|] | [|] | I | .] |
| | 60/153,357 | under 35 U.S.C. §11 | 9(e) of any United States provision 09/10/99 | al appl | ication | (s) li | sted t | elow | 7. |
| (Appli | cation Number) | | (Filing Date) | | | | | | |
| (Appli | 60/220,947 cation Number) | | 07/26/00 (Filing Date) | | | | | | |
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| (Application Serial No | .) | (Filing date) | (Status: patented, pending, abandoned) |
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| | ith & Reyr | y appoint the attorneys and nolds, P.C., Two Militia D | or agents associated with rive, Lexington, Massachusetts 02421-4799 |
| and | - | | |
| to prosecute this applic | ation and to | o transact all business in the | e Patent and Trademark Office connected therewith. |
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| information and belief a false statements and the United States Code and thereon. | are believed e like so ma I that such v | I to be true; and further that de are punishable by fine o villful false statements may | ny own knowledge are true and that all statements made on the these statements were made with the knowledge that willful imprisonment, or both, under Section 1001 of Title 18 of the jeopardize the validity of the application or any patent issued |
| Full name of sole | | | |
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| Inventor's Signature | | | Date |
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| Citizenship | U.S.A. | |
| - | same as above | |
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| Inventor's Signature | Jeanette J. Mc Carthy | Date 2-2-6-01 |
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